



Utah Fuel Company

a subsidiary of The Coastal Corporation

P.O. Box 719 • Helper, Utah 84526 • (801) 637-7925
Salt Lake (801) 596-7111

RECEIVED
MAR 26 1990

DIVISION OF
OIL, GAS & MINING

0019

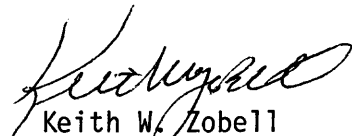
March 22, 1990

Daron Haddock
Permit Supervisor
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Dear ^{Daron}Mr. Haddock:

During the renewal process of our M&RP an elevational discrepancy was found on map 3.2.1-3. A new survey was conducted and the elevation corrected. However, in the process we overlooked correcting the elevations on the Engineers certificated on page 3-17B and the correct berm elevation on page 3-19. We have made these corrections and have attached updated pages 3-17B and 3-19 for your permit record.

Sincerely,


Keith W. Zobell
Environmental Engineer

KWZ:lm

Attachments

Coal Loadout Sediment Pond

A detention pond is located adjacent to the storage silos at the coal loadout site (Map No. 3.2.1-4). It detains surface run-off and associated sediment from the disturbed site. Precipitation from a 24-hour, 10-year rainstorm has been calculated to be 2.43 inches (Section 2, Volume 5, page 5). After infiltration, the surface runoff is estimated at .95 inches (Section 13, Volume 5).

The required volume for providing a theoretical 24-hour detention of the calculated runoff has been estimated as: .95 inches per acre x 12.56 acres (9.27 acres that are disturbed plus 3.29 acres that are undisturbed) = 43,310 cubic feet. The required volume for sediment storage has been estimated by using the universal soil loss equation as 3,050 cubic feet. The combined volumes equal 46,360 cubic feet (Section 13, Volume 5).

The coal load-out sediment pond contains a volume of 56,910 cubic feet (Section 13, Volume 5). Two feet have been added for freeboard. Berm width at the top of the embankments (7,922-foot level) will be eight feet. Embankment slopes were constructed at 2h:1v.

A single pipe, installed with two anti-seep collars, is used for both the emergency and principal spillway with its inlet at the 7,919.71-foot level, as shown on 3.2.1-4A. This pipe will safely pass any runoff from a 24-hour, 100-year storm. The pipe is sized to pass 13.1 second-feet of water with a two-foot head of pressure (Section 13, Volume 5).

!	REPLACES	!!	TEXT	!
!	Section 3.2.1 Page 3-19	!!	Section 3.2.1 Page 3-19 Date 03/20/90!	!



Utah Fuel Company

a subsidiary of The Coastal Corporation

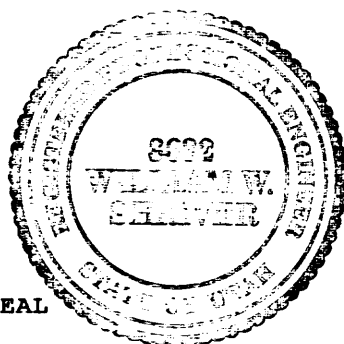
P.O. Box 719 • Helper, Utah 84526 • (801) 637-7925

Salt Lake (801) 596-7111

March 20, 1990

I, William W. Shriver, do certify that I have checked the sedimentation pond at the Railroad Loadout and that to the best of my professional knowledge and ability the pond:

1. Has been basically constructed and maintained as designed and in accordance with the approved plan and UMC 817.49(h).
2. Is monitored according to NPDES Permit No. UT-0023540.
3. The average depth of the pond, excluding sediment, is 5.71 feet. Overflow elevation is 7919.71 feet. The average maximum depth and elevation for the past year are 2.4 feet and 7914 feet, respectively.
4. The existing storage capacity is 56,910 cubic feet.
5. No fires have occurred in the construction material.
6. No hazardous conditions or instability of the dam or embankment have been detected.



W^m W. Shriver

William W. Shriver
Registered Professional Engineer
Utah Registration No. 8632

!	REPLACES	!!	TEXT	!
!	Section 3.2 Page 3-17B	!!	Section 3.2 Page 3-17B Date 03/20/90	!

3-17B